Subject: Re: [ckrm-tech] [PATCH 7/7] containers (V7): Container interface to nsproxy subsystem
Posted by Srivatsa Vaddagiri on Wed, 04 Apr 2007 03:00:46 GMT
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On Tue, Apr 03, 2007 at 10:49:49AM -0700, Paul Menage wrote:
> > Why is the hierarchy bit important here? Usually controllers need to
> > know "tell me what cpuset this task belongs to", which is answered
> > by tsk->nsproxy->ctlr_data[CPUSET_ID].
>
> I was thinking of queries from userspace.

User space queries like "what is the cpuset to which this task belongs",
where the answer needs to be something of the form "/dev/cpuset/C1"?
The patches address that requirement atm by having a dentry pointer in
struct cpuset itself.

Do you see similar queries coming in for every resource controller object
(show me the path of cpu_acct, cpu_ctl, rss_ctl ... objects to which this
task belongs)? IMO that will not be the case, in which case we can avoid
adding N pointers (N = max hierarchies) in nsproxy just to support queries of
those sort.

If additional resource objects need to support such queries in future, we could
add a dentry pointer in those objects as and when the need arises.

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Regards,
vatsa